



DEPARTMENT OF COMMUNITY SERVICES
PLANNING DIVISION
TOWN OF WEST HARTFORD
50 SOUTH MAIN STREET
WEST HARTFORD, CT 06107-2431
TEL: (860) 561-7555 FAX: (860) 561-7504
www.westhartford.org

PERMIT APPLICATION FOR INLAND WETLANDS & WATERCOURSES
ACTIVITY: (check one of the following)

☐ MAP AMENDMENT

☒ REGULATED ACTIVITY

File # 1052 Application Fee — Surcharge Fee — Date Received 12.16.16

Street Address of Proposed Application: 24 Staples Place + 351 Whitman Ave

Zone: R-10 Acreage/Lot Area 1.14 / 25.8 Parcel/Lot# 20364 / 15066

Applicant's Interest in Property: Storm water drainage improvements

Brief Description of Proposed Activity: see attached

The undersigned warrants the truth of all statements contained herein and in all supporting documents to the best of his/her knowledge and belief. Furthermore, the applicant agrees that submission of this document constitutes permission and consent to Commission and Staff inspections of the site. Note: Notice is hereby given the Connecticut Department of Public Health must be notified by applicants for any project located within a public water supply aquifer protection area or watershed area. (CTDPH website at <http://www.dph.state.ct.us>)

Daniel + Eileen Neubert / Town of West Hartford Town of W. Hartford - Engineering Division

Record Owner's Name

Applicant's Name

24 Staples Place / 50 S. Main St

50 South Main Street

Street

Street

West Hartford CT 06107

W. Hartford CT 06107

City

State

Zip

City

State

Zip

Telephone #

Telephone #

Contact Person:

Duane Martin

Name

Duane J. Martin

Applicant's Signature

50 South Main St.

Duane J. Martin

Street

Signature of Owner/Authorized Agent

W. Hartford CT 06107

City

State

Zip

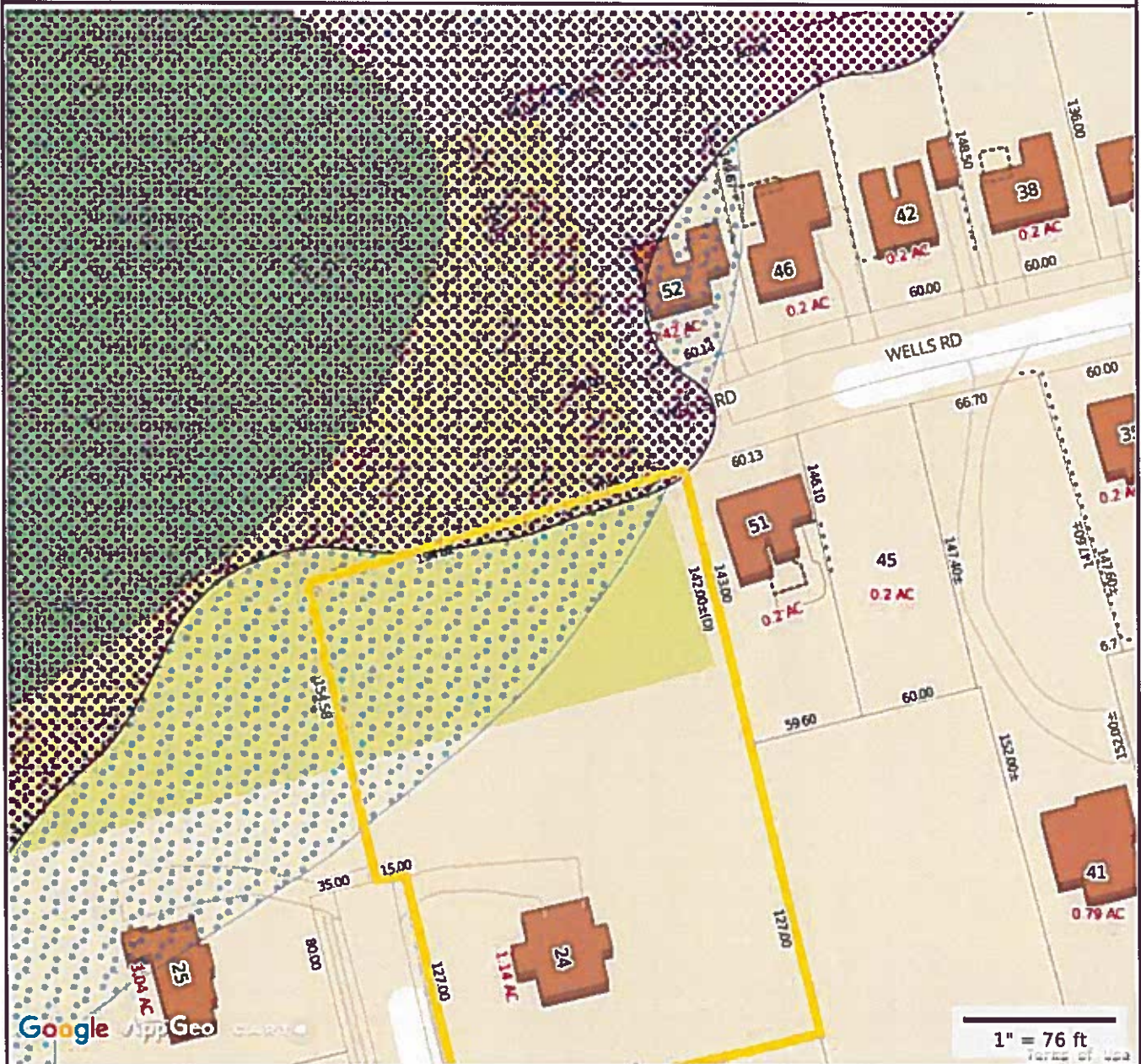
860 561 7539

Telephone #

DuaneMe@westhartfordct.gov

E-Mail

24 Staples Place



Property Information

Property ID 5211 2 24 0001
Location 24 STAPLES PLACE
Owner NEUBERT EILEEN W + DANIEL M



MAP FOR REFERENCE ONLY NOT A LEGAL DOCUMENT

Town of West Hartford, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Parcels updated 5/1/2016
 Properties updated Daily

PROPOSED STORM DRAINAGE WORK AT WELLS ROAD AND STAPLES PLACE

Wells Road is a dead-end street that runs west-east and is accessed from Pleasant Street. Staples Place is a dead-end street that runs north-south and is accessed from Farmington Avenue. At the end of each road is the same woods/vegetated land known as Mooneys Woods. This area contains wetlands and regulated area. There are two drainage issues, one on Wells Road and the other on Staples Place.

WELLS ROAD

Near the western end of Wells Road there is an existing pair of catch basins (one on the north side one on the south side of the street) that drain into a drainage manhole located in the center of the road. The manhole drains to the west through a 12" reinforced concrete pipe. The outlet for this pipe is approximately 560 feet west of the existing drainage manhole. The assumption is that at one time there was a swale that directed the water from the pipe outlet to the brook.

Currently the area of Wells Road near the existing catch basins is flooding. The Town of West Hartford's Department of Public Works had attempted to clean the pipes with the jetter, but the jetter would only go 3 feet into the pipe due to sedimentation blockage in the pipe. The issue with this drainage system is that the grade on the pipe is relatively flat, the existing outlet is lower than the existing grade and through the years the swale no longer exists. Over time sediment has built-up and covered the outlet pipe and has filled in almost all the pipe. Storm water runoff can't discharge out of the pipe, instead the storm water fills up the structure and overtops to the street. The Town of West Hartford Engineering Department has investigated the possibility of cleaning out the existing swale. It was determined not feasible due to the location of the swale in the wooded/wetland area, the length of swale that would need to be cleared and the overall disruption to the area that's located in a wetland area.

The Town of West Hartford proposes to relocate the drainage outlet at grade in an area where the grade would allow it to drain and cause the least disruption of the surrounding area. The plan is to construct a drainage manhole over the existing drainage pipe, run a new length of pipe, install a riprap apron and then stabilize the disturbed area (see attached plan). The remaining existing pipe will be abandoned in place. This proposed work would be in the regulated area on the Town's property at 351 Whitman Avenue. The storm water discharge would be to the same wetland area as the existing discharge.

STAPLES PLACE

At the northern end of Staples Place there are two catch basins, one on the westside of the street and one on the eastside of the street. The storm water captured in the catch basins runs to the north on the east side of the street and outlets on the slope. The existing slope is steep and the discharge is continually causing erosion.

The Town of West Hartford is proposing to relocate the outlet by extending the pipe to the north and downhill. The storm water can then discharge onto a flatter grade. The proposed design will also

include a riprap apron to dissipate velocities and prevent erosion from the discharging storm water. The disturbed area will be stabilized. A portion of this work would be in the regulated area.

A drainage easement for the purpose of maintaining the storm drainage pipe is being pursued for 24 Staples Place in cooperation with the property owner(s).

CONSTRUCTION METHODS

In order to install the pipe, undergrowth vegetation will be removed in both locations. Silt fence will be appropriately placed for both of the disturbed areas. The proposed storm pipe trench would be excavated using a small excavator. The trench width would be approximately 3 feet wide. The trench detail includes crushed stone to the top of the pipe, filter fabric on top of the crushed stone and bank run gravel to backfill the trench. The pipe type proposed for Wells Road is 12" reinforced concrete pipe and 8" high density polyethylene pipe is proposed for Staples Place.

For the Wells Road installation, the plan is to work between the existing trees. It will entail trenching through some roots and trimming tree branches. Disruption to the surrounding area will be as minimal as possible.

CONCLUSION

The proposed area of disturbance is approximately 0.0027ac in the wetland area and approximately 0.025ac in the upland review area. The proposed drainage improvements would eliminate roadway flooding in Wells Road, minimizes slope erosion at the end of Staples Place and improve the quality of the storm water entering the wetland area.

**Statewide Inland Wetlands & Watercourses Activity Reporting Form**

*Please complete and mail this form in accordance with the instructions on pages 2 and 3 to:
Wetlands Management Section, Inland Water Resources Division, CT DEEP, 79 Elm Street – 3rd Floor, Hartford, CT 06106*

PART I: To Be Completed By the Municipal Inland Wetlands Agency Only

1. DATE ACTION WAS TAKEN: Year 2016 Month October
2. ACTION TAKEN: Click Here to Choose a Code
3. WAS A PUBLIC HEARING HELD (check one)? Yes ☐ No ☐
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:
(type name) _____ (signature) _____

PART II: To Be Completed By the Municipal Inland Wetlands Agency or the Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING (type name): West Hartford
Does this project cross municipal boundaries (check one)? Yes ☐ No ☒
If Yes, list the other town(s) in which the action is occurring (type name(s)): _____
6. LOCATION (click on hyperlinks for information): USGS Quad Map Name: AVON or Quad Number: 36
Subregional Drainage Basin Number: 4403
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): Town of West Hartford
8. NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): 351 Whitman Ave & 24 Staples Place
Briefly describe the action/project/activity (check and type information): Temporary ☐ Permanent ☒ Description: see attached
9. ACTIVITY PURPOSE CODE: !
10. ACTIVITY TYPE CODE(S): 12, 10, 14, Click for Code
11. WETLAND / WATERCOURSE AREA ALTERED (type in acres or linear feet as indicated):
Wetlands: 0.00 acres Open Water Body: 0.00 acres Stream: 0.00 linear feet
12. UPLAND AREA ALTERED (type in acres as indicated): 0.02 acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type in acres as indicated): 0.00 acres

DATE RECEIVED:

PART III: To Be Completed By the DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO